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Search Results - Record(s) 1 through 10 of 19 returned.

☐ 1. Document ID: JP 2004085222 A

Using default format because multiple data bases are involved.

L38: Entry 1 of 19

File: JPAB

Mar 18, 2004

PUB-NO: JP02004085222A

DOCUMENT-IDENTIFIER: JP 2004085222 A

TITLE: POSITIONING APPARATUS OF MOBILE UNIT, POSITIONING METHOD, AND COMPUTER

PROGRAM

PUBN-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME

COUNTRY

TAKEMURA, HAJIME

INT-CL (IPC): G01 S 5/14; G01 C 21/00; G08 G 1/0969; H04 Q 7/34

Full Title Citation Front Review Classification Date Reference Attachments Claims RAMC Draw De Classification Date Reference Attachments Claims RAMC Draw Date Reference Attachments Claims RAMC Draw Date Reference Date Ram Date Reference Attachments Claims RAMC Draw Date Ram Dat

PUB-NO: JP02003043125A

DOCUMENT-IDENTIFIER: JP 2003043125 A TITLE: SATELLITE COMMUNICATION DEVICE

Full | Title | Citation | Front | Review | Classification | Date | Reference | Septembers | Altechments | Claims | KMC | Draw. De

☐ 3. Document ID: JP 2003016587 A

L38: Entry 3 of 19

File: JPAB

Jan 17, 2003

PUB-NO: JP02003016587A

DOCUMENT-IDENTIFIER: JP 2003016587 A

TITLE: SYSTEM FOR PROVIDING TRAVEL INFORMATION

Full Title Citation Front Review Classification Date Reference **Sequences Attachments** Claims KWIC Draw De

☐ 4. Document ID: JP 2002341011 A

L38: Entry 4 of 19

File: JPAB

Nov 27, 2002

PUB-NO: JP02002341011A

DOCUMENT-IDENTIFIER: JP 2002341011 A

TITLE: POSITION MEASURING DEVICE, NAVIGATION SYSTEM, POSITION MEASURING METHOD AND

NAVIGATION METHOD

Full Title Citation Front Review Classification Date Reference িউল্নেখনতথ্য শার্কটালর হৈ Claims KMC Draw. De

☐ 5. Document ID: JP 2000270125 A

L38: Entry 5 of 19

File: JPAB

Sep 29, 2000

PUB-NO: JP02000270125A

DOCUMENT-IDENTIFIER: JP 2000270125 A

TITLE: PORTABLE RADIO TERMINAL AND EMERGENCY INFORMATION REPORTING SYSTEM

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De Graw D

PUB-NO: JP02000182199A

DOCUMENT-IDENTIFIER: JP 2000182199 A TITLE: SHIP COURSE MONITORING SYSTEM

Full Title Citation Front Review Classification Date Reference **Sequences Attachments** Claims KMC Draw Da

☐ 7. Document ID: JP 11125666 A

L38: Entry 7 of 19

File: JPAB

May 11, 1999

PUB-NO: JP411125666A

DOCUMENT-IDENTIFIER: JP 11125666 A

TITLE: GPS RECEIVER

Full | Title | Citation | Front | Review | Classification | Date | Reference | **Sequences | Altachments** | Claims | KWIC | Draw. De

☐ 8. Document ID: JP 08068642 A

L38: Entry 8 of 19

File: JPAB

Mar 12, 1996

PUB-NO: JP408068642A

DOCUMENT-IDENTIFIER: JP 08068642 A

TITLE: GPS NAVIGATION SYSTEM

Full Title Citation Front Review Classification Date Reference Seguences Absolute & Claims KMC Draw De

☐ 9. Document ID: JP 63040878 A

L38: Entry 9 of 19

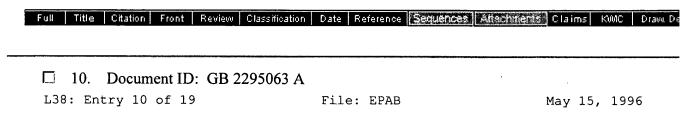
File: JPAB

Feb 22, 1988

PUB-NO: JP363040878A

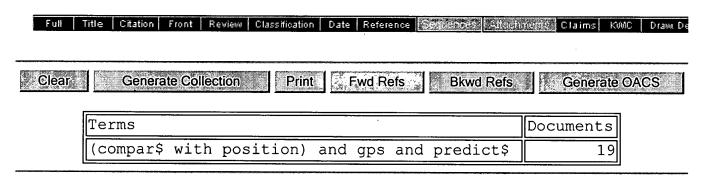
DOCUMENT-IDENTIFIER: JP 63040878 A

TITLE: GPS POSITION MEASURING INSTRUMENT



PUB-NO: GB002295063A

DOCUMENT-IDENTIFIER: GB 2295063 A TITLE: Monitoring GPS ephemeris data



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Search Results - Record(s) 11 through 19 of 19 returned.

☐ 11. Document ID: JP 2004085222 A

L38: Entry 11 of 19

File: DWPI

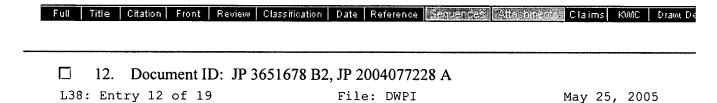
Mar 18, 2004

DERWENT-ACC-NO: 2004-309320

DERWENT-WEEK: 200429

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TITLE: Vehicle <u>position</u> detecting apparatus e.g. for aircraft, <u>compares predicted</u> distance and distance of vehicle and global positioning system satellite measured using <u>GPS</u> signal, to determine vehicle present <u>position</u>

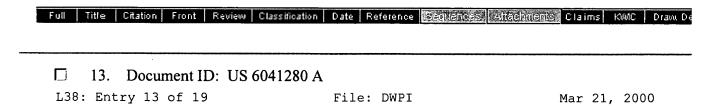


DERWENT-ACC-NO: 2004-298565

DERWENT-WEEK: 200539

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TITLE: Autonomous positioning method for navigation apparatus, involves <u>predicting</u> future <u>position</u> data by <u>comparing</u> current <u>position</u> data so as to define <u>position</u> of imaginary station



DERWENT-ACC-NO: 2000-292317

DERWENT-WEEK: 200025

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TITLE: <u>GPS</u> position information updating method for vehicle navigation, involves indicating location of vehicle at time of turn indication, by updating estimated position of vehicle



☐ 14. Document ID: ES 2234274 T3, WO 9942581 A1, AU 9932946 A, BR 9908096 A, EP 1056858 A1, CN 1291229 A, JP 2002504330 W, US 20020028470 A1, MX 2000008114 A1, US 20020172982 A1, AU 763247 B, EP 1056858 B1, DE 69922489 E

L38: Entry 14 of 19

File: DWPI

Jun 16, 2005

DERWENT-ACC-NO: 1999-527476

DERWENT-WEEK: 200545

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: New recombinant human zona pellucida protein 3 - used to develop products

for diagnostic and therapeutic use related to human fertility

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw De

15. Document ID: US 5710423 A

L38: Entry 15 of 19 File: DWPI Jan 20, 1998

DERWENT-ACC-NO: 1998-109915

DERWENT-WEEK: 199905

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Light sensitive interceptor missile to target guiding method - using one interceptor to fly-by object in order to track object while second missile intercepts object

Full Title Citation Front Review Classification Date Reference Sequences Structure Claims KMC Draw De 16. Document ID: EP 810496 A2, ES 2160306 T3, FR 2749419 A1, EP 810496 B1, DE

L38: Entry 16 of 19

File: DWPI

Dec 3, 1997

DERWENT-ACC-NO: 1998-011226

DERWENT-WEEK: 200175

69705465 E

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TITLE: Identification and location of fixed objects along route of vehicle - involves reference comparisons of successive images for calculation of position in terrestrial frame of reference from filtered measurements

Full Title Citation Front Review Classification Date Reference Attackments Claims RWC Draw De 17. Document ID: GB 2295063 A, GB 2295063 B

L38: Entry 17 of 19 File: DWPI May 15, 1996

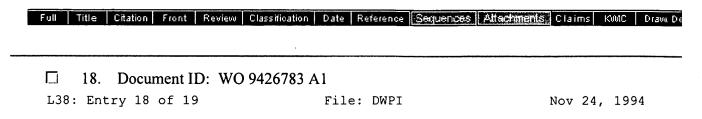
DERWENT-ACC-NO: 1996-224062

DERWENT-WEEK: 199715

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Record List Display Page 3 of 3

TITLE: Mining vehicle position determination appts. - receives navigation signals from several satellites orbiting Earth, computes position based on ephemeris data and pseudo-ranges computed from navigation signals, and monitors if any ephemeris data is corrupt

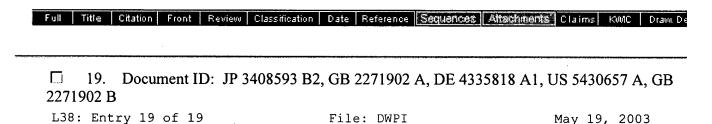


DERWENT-ACC-NO: 1995-006705

DERWENT-WEEK: 199748

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TITLE: Analysis and modification of protein structure - by identification of favoured and suppressed patterns of hydrophobic amino acid residues

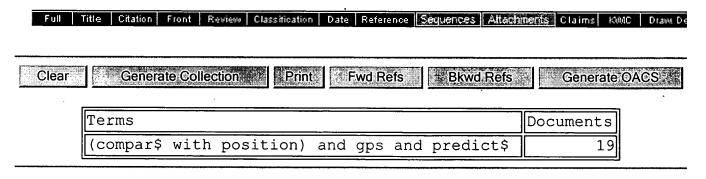


DERWENT-ACC-NO: 1994-120953

DERWENT-WEEK: 200334

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TITLE: Satellite position <u>prediction in GPS</u> e.g. NAVSTAR navigation system - receiving navigation signals from satellite, determining mean satellite positions from navigation signals, computing orbital parameters for satellite



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L38: Entry 12 of 19 File: DWPI May 25, 2005

DERWENT-ACC-NO: 2004-298565

DERWENT-WEEK: 200539

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TITLE: Autonomous positioning method for navigation apparatus, involves <u>predicting</u> future <u>position</u> data by <u>comparing</u> current <u>position</u> data so as to define <u>position</u> of imaginary station

PATENT-ASSIGNEE: NIPPON DENSHI KAIHATSU KK (NIDEN)

PRIORITY-DATA: 2002JP-0236137 (August 13, 2002)

| Search Selected | Search ALL | Clear |
|-----------------|------------|-------|
|-----------------|------------|-------|

PATENT-FAMILY:

 PUB-NO
 PUB-DATE
 LANGUAGE
 PAGES
 MAIN-IPC

 JP 3651678 B2
 May 25, 2005
 012
 G01S005/14

 JP 2004077228 A
 March 11, 2004
 011
 G01S005/14

APPLICATION-DATA:

PUB-NO APPL-DATE APPL-NO DESCRIPTOR

JP 3651678B2 August 13, 2002 2002JP-0236137

JP 3651678B2 JP2004077228 Previous Publ.

JP2004077228A August 13, 2002 2002JP-0236137

INT-CL (IPC): $\underline{G01} \underline{S} \underline{5/14}$

ABSTRACTED-PUB-NO: JP2004077228A

BASIC-ABSTRACT:

NOVELTY - Positional data related to a navigation apparatus is acquired from global positioning system (GPS) satellites (GS1-GS5). The current position data is compared with set data to predict the future position data. Based on the assessed values, the position of an imaginary station is defined. The positioning go apparatus is performed using the imaginary position data and reference data.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) an autonomous positioning program; and
- (2) an autonomous navigation apparatus.

USE - For automatic positioning of automatic navigation apparatus (claimed), personal digital assistant (PDA) using \underline{GPS} satellites.

ADVANTAGE - Ensures optimized positioning of apparatus independent of base station by performing the real-time calculations accurately.

DESCRIPTION OF DRAWING(S) - The figure shows an explanatory diagram of automatic navigation apparatus. (Drawing includes non-English language text).

positioning apparatus 10

GPS receiver 20

satellites GS1-GS4

ABSTRACTED-PUB-NO: JP2004077228A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/8

DERWENT-CLASS: S02 T01 W06

EPI-CODES: S02-B08C; S02-B08G; T01-J07D3A; T01-S03; W06-A03A5C;

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L38: Entry 19 of 19

File: DWPI

May 19, 2003

DERWENT-ACC-NO: 1994-120953

DERWENT-WEEK: 200334

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TITLE: Satellite position <u>prediction in GPS</u> e.g. NAVSTAR navigation system - receiving navigation signals from satellite, determining mean satellite positions

from navigation signals, computing orbital parameters for satellite

INVENTOR: KYRTSOS, C T

PATENT-ASSIGNEE: CATERPILLAR INC (CATE)

PRIORITY-DATA: 1992US-0963677 (October 20, 1992)

| Search Selected | Search ALL | Clear |
|-----------------|------------|-------|
| | | |

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------------|-------------------|----------|-------|------------|
| JP 3408593 B2 | May 19, 2003 | | 018 | G01S005/14 |
| GB 2271902 A | April 27, 1994 | | 040 | G01S001/02 |
| DE 4335818 A1 | April 21, 1994 | | 024 | G01C021/02 |
| <u>US 5430657 A</u> | July 4, 1995 | | 020 | G01S005/06 |
| GB 2271902 B | November 20, 1996 | | 001 | G01S001/02 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|--------------|------------------|----------------|----------------|
| JP 3408593B2 | October 20, 1993 | 1993JP-0262511 | |
| JP 3408593B2 | | JP 6201812 | Previous Publ. |
| GB 2271902A | October 20, 1993 | 1993GB-0021646 | |
| DE 4335818A1 | October 20, 1993 | 1993DE-4335818 | |
| US 5430657A | October 20, 1992 | 1992US-0963677 | |
| GB 2271902B | October 20, 1993 | 1993GB-0021646 | |

INT-CL (IPC): G01C 3/00; G01C 21/02; G01S 1/02; G01S 1/04; G01S 5/06; G01S 5/10; G01S 5/12; G01S 5/14

RELATED-ACC-NO: 1996-224062

ABSTRACTED-PUB-NO: GB 2271902A

BASIC-ABSTRACT:

The orbital parameters are computed for each satellite (102), and are used to

<u>predict</u> the position of each satellite at any time. Subsequent ephemeris data is <u>compared to predicted</u> satellite <u>position</u> to determine whether the ephemeris is corrupt. The orbital parameters are determined by calculating a pseudo-range and a velocity for a selected satellite several times, calculating at least three estimated positions of the satellite from pseudoranges and velocities and computing orbital parameters for the satellite from three estimated positions.

Alternatively, the orbital parameters are determined from the position of a receiver using a satellite constellation, triangulating on an average position for the selected satellite in the constellation, repeating until at least three main satellite positions have been computed, and calculating the orbital parameters from the mean positions of the selected satellite.

USE/ADVANTAGE - Eg for autonomous mining truck vehicle. Determines position of satellite without reliance on satellite ephemeris data, which may be corrupt.

ABSTRACTED-PUB-NO: GB 2271902B

EQUIVALENT-ABSTRACTS:

A method of determining, at a user location, the position of a satellite in a satellite-based navigation system using a receiver having a known position, the method comprising the steps of: receiving, from the satellite, a number of navigation signals at the receiver; determining a number of mean satellite positions from the navigation signals; computing orbital parameters for the satellite from the number of mean satellite positions; and <u>predicting</u>, for use by a user the position of the satellite at a time tn from the orbital parameters.

US 5430657A

The method involves computing orbital parameters for each satellite. The orbital parameters can then be used to <u>predict</u> the position of each satellite at any time. Subsequent ephemeris data may be <u>compared to a predicted</u> satellite <u>position</u> to determine whether the ephemeris data is corrupt. The orbital parameters may be determined by: computing a pseudorange and a velocity for a selected satellite for a number of times, computing at least three estimated positions of the satellite from the pseudo ranges and velocities, and computing orbital parameters for the satellite from the three estimated positions.

Alternatively, the orbital parameters are determined by determining the position of a receiver for at least three times using a constellation of satellites, using the three receiver positions to triangulate on an average position for the selected satellite in the constellation, repeating these steps until at least three mean satellite positions have been computed, computing the orbital parameters from the three mean positions of the selected satellite.

ADVANTAGE - Position of satellite in satellite based navigation system is determined without reliance on satellite ephemeris data.

CHOSEN-DRAWING: Dwg.8/10 Dwg.1 Dwg.7/10

DERWENT-CLASS: W06 EPI-CODES: W06-A03A;

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L32: Entry 5 of 29

File: PGPB

Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050125148

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050125148 A1

TITLE: Prediction of vehicle operator destinations

PUBLICATION-DATE: June 9, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|-----------------|-------|---------|
| Van Buer, Darrel J. | Los Angeles | CA | US |
| Johnson, Richard A. | Rochester Hills | MI | US |
| Dao, Son K. | Northridge | CA | US |
| Simon, Andrea Marie | Walled Lake | MI | US |

APPL-NO: 10/730642 [PALM]
DATE FILED: December 8, 2003

INT-CL: [07] G01 C 21/34

US-CL-PUBLISHED: 701/209; 340/995.19 US-CL-CURRENT: 701/209; 340/995.19

REPRESENTATIVE-FIGURES: 1

ABSTRACT:

A method for <u>predicting</u> vehicle operator <u>destinations</u> including receiving vehicle position data for a vehicle. The vehicle <u>position</u> data for a current trip is <u>compared</u> to vehicle <u>position</u> data for a previous trip to <u>predict a destination</u> for the vehicle. A path to the destination is suggested.

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Search Results - Record(s) 1 through 10 of 29 returned.

☐ 1. Document ID: US 20050195092 A1

Using default format because multiple data bases are involved.

L32: Entry 1 of 29

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050195092

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050195092 A1

TITLE: Notification control device, its system, its method, its program, recording

medium storing the program, and travel support device

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Takahashi, Kazuya Kawasaki-shi JΡ Hashimoto, Motoji Tokyo JΡ Isozaki, Fumio Tokyo JΡ

US-CL-CURRENT: 340/692; 340/384.5, 340/384.6, 340/384.7

| | | | | | | | | | • | | | |
|---|---|----------|-------|---|----------------|------|-----------|---------------|-------------|-----------------|---|---|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawe De |
| | | | | | | | | . عمد التحديد | | الكبنينية بمسعد | | والبرانة بدوسي |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
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☐ 2. Document ID: US 20050159863 A1

L32: Entry 2 of 29 File: PGPB Jul 21, 2005

PGPUB-DOCUMENT-NUMBER: 20050159863

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050159863 A1

TITLE: Method and system to transfer and to display location information about an

object

PUBLICATION-DATE: July 21, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Howard, William Brant Parker CO US

Main, James David III Centennial CO US Record List Display

US-CL-CURRENT: 701/37

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 3. Document ID: US 20050137795 A1

L32: Entry 3 of 29

· File: PGPB

Jun 23, 2005

PGPUB-DOCUMENT-NUMBER: 20050137795

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050137795 A1

TITLE: Navigation system

PUBLICATION-DATE: June 23, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Sakamoto, Kiyomi Ikoma JP Nomura, Noboru Kyoto JP Kubota, Shinji Daito JP

US-CL-CURRENT: 701/211; 340/995.1, 340/995.27

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

4. Document ID: US 20050131631 A1

L32: Entry 4 of 29

File: PGPB

Jun 16, 2005

PGPUB-DOCUMENT-NUMBER: 20050131631

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050131631 A1

TITLE: Guiding device, system thereof, method thereof, program thereof and

recording medium storing the program

PUBLICATION-DATE: June 16, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Nakano, Toshiaki Tokyo JP Amano, Kouji Tokyo JP

US-CL-CURRENT: 701/200; 701/211

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw. De

☐ 5. Document ID: US 20050125148 A1

L32: Entry 5 of 29

File: PGPB

Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050125148

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050125148 A1

TITLE: Prediction of vehicle operator destinations

PUBLICATION-DATE: June 9, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|-----------------|-------|---------|
| Van Buer, Darrel J. | Los Angeles | CA | US |
| Johnson, Richard A. | Rochester Hills | MI | US |
| Dao, Son K. | Northridge | CA | US |
| Simon, Andrea Marie | Walled Lake | MI | US |

- US-CL-CURRENT: 701/209; 340/995.19

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMIC | Draw, De |
|-------------|-------|----------|--------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| | | | | | | | | | | | | |
| | | | | | | | | www. | | | | |
| | 6. | Docume | nt ID: | US 20 | 050096839 | A1 | | | | | | |
| L32: | Entr | y 6 of | 29, | | | | File: | PGPB | | May | 5, | 2005 |

PGPUB-DOCUMENT-NUMBER: 20050096839

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050096839 A1

TITLE: Traffic-condition notifying device, its system, its method, its program and recording medium storing the program

PUBLICATION-DATE: May 5, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Nakano, Toshiaki Tokyo JΡ

Amano, Kouji Tokyo JP

US-CL-CURRENT: 701/200; 340/995.13, 701/117

| Full Title Citation Front Review Classification Date | Reference Sequences | Attachments Claims KMC Draw De |
|--|---------------------|--------------------------------------|
| | | |
| 7. Document ID: US 20050090974 A1 | | |
| L32: Entry 7 of 29 | File: PGPB | Apr 28, 2005 |

PGPUB-DOCUMENT-NUMBER: 20050090974

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050090974 A1

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TITLE: Traffic condition notifying device, system thereof, method thereof, program thereof and recording medium storing the program

PUBLICATION-DATE: April 28, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Hirose, Koji Tokyo JP

US-CL-CURRENT: 701/208; 340/995.13, 701/200

| Full Title Citation Front Review Classification Date | Reference Sequences | Attachments Claims KMC Draw De |
|--|---------------------|--------------------------------|
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| The state of the s | | |
| ☐ 8. Document ID: US 20050075119 A1 | | |
| L32: Entry 8 of 29 | File: PGPB | Apr 7, 2005 |

PGPUB-DOCUMENT-NUMBER: 20050075119

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050075119 A1

TITLE: Method and system for dynamic estimation and predictive route generation

PUBLICATION-DATE: April 7, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------|---------------|-------|---------|
| Sheha, Michael A. | Laguna Niguel | CA | US |
| Sheha, Angie | Laguna Niguel | CA | US |
| Petilli, Stephen | Laguna Niguel | CA | US |
| Yarlagadda, Arun | Irvine | CA | US |

US-CL-CURRENT: 455/456.6

| Full Title Citation Front Review Classification | Date Reference Sequences At | tachments Claims KWC Draw De |
|---|-----------------------------|------------------------------|
| | · | |
| ☐ 9. Document ID: US 20050071081. | A1 | |
| L32: Entry 9 of 29 | File: PGPB | Mar 31, 2005 |

PGPUB-DOCUMENT-NUMBER: 20050071081

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050071081 A1

TITLE: GUIDING DEVICE, SYSTEM THEREOF, METHOD THEREOF, PROGRAM THEREOF AND

RECORDING MEDIUM STORING THE PROGRAM

PUBLICATION-DATE: March 31, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

HIROSE, Koji

Meguro-ku, Tokyo

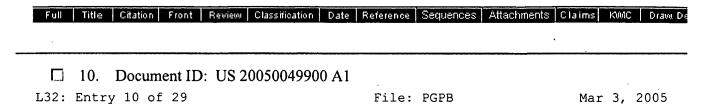
JΡ

SUZUKI, Nobuaki

Meguro-ku, Tokyo

JΡ

US-CL-CURRENT: 701/210; 340/995.13, 340/995.19, 701/209



PGPUB-DOCUMENT-NUMBER: 20050049900

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050049900 A1

TITLE: Information providing apparatus, system, method, and program for the same, and recording medium with the program recorded therein

PUBLICATION-DATE: March 3, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Hirose, Koji

Tokyo

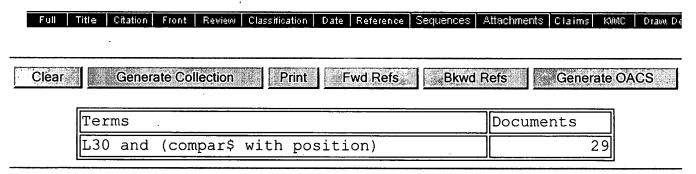
JP

Suzuki, Nobuaki

Tokyo

JP

US-CL-CURRENT: 705/6



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Search Results - Record(s) 11 through 20 of 29 returned.

☐ 11. Document ID: US 20050027448 A1

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L32: Entry 11 of 29

File: PGPB

Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050027448

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050027448 A1

TITLE: DEVICE, SYSTEM, METHOD AND PROGRAM FOR NOTIFYING TRAFFIC CONDITION AND

RECORDING MEDIUM STORING SUCH PROGRAM

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

TAKENAGA, Takashi Tokyo JP
AMANO, Kouji Tokyo JP

US-CL-CURRENT: 701/211; 340/905, 340/995.13

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KOMC | Drawu De |
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☐ 12. Document ID: US 20050027447 A1

L32: Entry 12 of 29

File: PGPB

Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050027447

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050027447 A1

TITLE: DEVICE, SYSTEM, METHOD AND PROGRAM FOR NAVIGATION AND RECORDING MEDIUM

STORING THE PROGRAM

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Hirose, Koji Tokyo JP Suzuki, Nobuaki Tokyo JP

US-CL-CURRENT: 701/210; 340/995.21, 701/209

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 13. Document ID: US 20050027437 A1

L32: Entry 13 of 29

File: PGPB

Feb 3, 2005

Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050027437

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050027437 A1

TITLE: Device, system, method and program for notifying traffic condition and

recording medium storing the program

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Takenaga, Takashi Tokyo JP
Amano, Kouji . Tokyo JP

US-CL-CURRENT: 701/117; 455/414.3

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims RMC Draw De

File: PGPB

PGPUB-DOCUMENT-NUMBER: 20050027434

PGPUB-FILING-TYPE: new

L32: Entry 14 of 29

DOCUMENT-IDENTIFIER: US 20050027434 A1

TITLE: INFORMATION PROCESSING DEVICE, SYSTEM THEREOF, METHOD THEREOF, PROGRAM

THEREOF AND RECORDING MEDIUM STORING SUCH PROGRAM

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

NAME • CITY STATE COUNTRY

HIROSE, Koji Tokyo JP

US-CL-CURRENT: 701/117; 340/995.13, 455/414.3

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 15. Document ID: US 20040124977 A1

L32: Entry 15 of 29 File: PGPB Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040124977

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040124977 A1

TITLE: Rule based proximity and time based tracking system

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Biffar, Peter

Palo Alto

CA

US

US-CL-CURRENT: 340/539.13; 340/573.1, 340/825.49

| Fu | I | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
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10. Document 1D. 05 20040000425 A

L32: Entry 16 of 29

File: PGPB

Jan 8; 2004

PGPUB-DOCUMENT-NUMBER: 20040006423

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040006423 A1

TITLE: Method and system for maneuvering movable object

PUBLICATION-DATE: January 8, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|------------|-------|---------|
| Fujimoto, Hiroaki | Kobe-Shi | | JP |
| Kohno, Yukinobu | Kako-Gun . | | JP |
| Higashi, Masaaki | Kobe-Shi | | JP |
| Hamamatsu, Masanori | Kobe-Shi | | JP |
| Nakashima, Kenichi | Kobe-Shi | | JP |
| Saito, Yasuo | Suita-Shi | | JP |
| Ohnishi, Hiroshi | Kobe | | JP |

US-CL-CURRENT: 701/201; 701/21, 701/210

| Full Title Citation Front Review Class | ification Date Reference | Sequences Attachments | Claims KWC Draw. De |
|--|--------------------------|-----------------------|---------------------|
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| ☐ 17. Document ID: US 20030 |)191585 A1 | | |
| L32: Entry 17 of 29 | File: | PGPB | Oct 9, 2003 |

PGPUB-DOCUMENT-NUMBER: 20030191585

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030191585 A1

TITLE: Navigation system

PUBLICATION-DATE: October 9, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Sakamoto, Kiyomi Ikoma JP
Nomura, Noboru Kyoto JP
Kubota, Shinji Daito JP

US-CL-CURRENT: <u>701</u>/<u>211</u>; <u>340</u>/<u>995.27</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw, De |
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| П | 18 | Docum | ent ID | · US 2 | 002017583 | 2 A 1 | | | | | | |

18. Document ID: US 200201/5832 A1

L32: Entry 18 of 29

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020175832

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020175832 A1

TITLE: Parking assistance apparatus

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY . Mizusawa, Kazufumi Kawasaki-shi JΡ Okamoto, Shusaku Osaka JP Yoshida, Takashi Ikoma-shi JΡ Yokohama-shi Iida, Ryosuke JP Hirama, Yuichi Yokohama-shi JP

US-CL-CURRENT: 340/932.2

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
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| | 19. | Docum | ent ID | : US 20 | 001005639 | 6 A1 | | | | | | |
| L32: | Entr | y 19 of | 29 | | | | File: | PGPB | | Dec | 27. | 2001 |

PGPUB-DOCUMENT-NUMBER: 20010056396

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010056396 A1

TITLE: Auction methods, auction systems and servers

PUBLICATION-DATE: December 27, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Goino, Tadashi

Nagano-ken

JΡ

US-CL-CURRENT: <u>705/37</u>; <u>705/26</u>

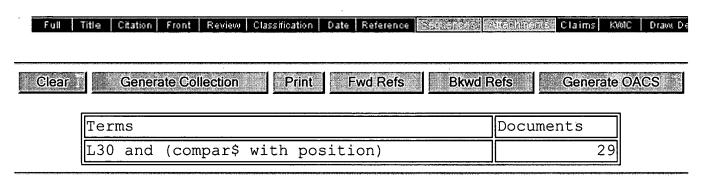
| Full Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw, De |
|------------|----------|--------|--------|--|------|-----------|-----------|-------------|--------|-------|----------|
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| □ 20. | Docum | ent ID | : US 6 | 882933 B2 | | | | | | | |
| L32: E | ntry 20 | of 29 | € | | File | e: USPT | | | Apr 1 | 9, 20 | 05 |

US-PAT-NO: 6882933

DOCUMENT-IDENTIFIER: US 6882933 B2

TITLE: Method and system for providing information for a mobile terminal and a

mobile terminal



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L27: Entry 1 of 1

File: USPT

Apr 9, 2002

US-PAT-NO: 6370126

DOCUMENT-IDENTIFIER: US 6370126 B1

** See image for Certificate of Correction **

TITLE: Mobile satellite communications system with local and global network

DATE-ISSUED: April 9, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

De Baere; Jan

Zundert

NL

Hart; Nicholas

Wahroonga

ΑU

03

ASSIGNEE-INFORMATION:

NAME

CITY STATE ZIP CODE

COUNTRY

GB

TYPE CODE

Inmarsat, Ltd.

APPL-NO: 08/836128

[PALM] DATE FILED: August 28, 1997

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY

APPL-NO

APPL-DATE

GB

9423950

November 18, 1994

PCT-DATA:

APPL-NO

DATE-FILED PUB-NO PUB-DATE

371-DATE

102(E)-DATE

PCT/GB95/01087 May 12, 1995 WO96/16488 May 30, 1996 Aug 28, 1997 Aug 28, 1997

INT-CL: [07] <u>H04</u> <u>B</u> <u>7/185</u>

US-CL-ISSUED: 370/316; 370/354, 370/401, 379/221, 455/12.1 US-CL-CURRENT: 370/316; 370/354, 370/401, 379/221.01, 455/12.1

FIELD-OF-SEARCH: 370/235, 370/236, 370/316, 370/324, 370/328, 370/331, 370/332, 370/401, 370/354, 455/406, 455/422, 455/12.1, 455/13.1, 455/13.2, 455/13.3,

455/33.1, 455/33.2, 379/220, 379/221, 709/239

PRIOR-ART-DISCLOSED:

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| PAT-NO | ISSUE-DATE | PATENTEE-NAME | US-CL |
|----------------|---------------|----------------|----------|
| <u>4980677</u> | December 1990 | Hotta et al. | |
| 5303286 | April 1994 | Wiedeman | 455/12.1 |
| 5327572 | July 1994 | Freeburg | |
| 5625867 | April 1997 | Rouffet et al. | |

FOREIGN PATENT DOCUMENTS

| FOREIGN-PAT-NO | PUBN-DATE | COUNTRY | CLASS |
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| 37 06 240 | September 1988 | DE | |
| 0 331 162 | March 1989 | EP | |
| 0 317 974 | May 1989 | EP | |
| 0 503 813 | March 1992 | EP | |
| 0 506 255 | September 1992 | EP | |
| 0 536 033 | September 1992 | EP | |
| 0 536 921 | September 1992 | EP | |
| 0 617 566 | August 1993 | EP | |
| 0 562 374 | September 1993 | EP | |
| 0 568 778 | November 1993 | EP | |
| 0 658 014 | December 1994 | EP | |
| 2 275 588 | February 1994 | GB | |
| 2 281 014 | August 1994 | GB | |
| WO 91/15071 | March 1991 | WO | |
| WO 92/00632 | March 1991 | WO | |

OTHER PUBLICATIONS

Weideman et al., "The Globalstar Mobile Satellite System For Worldwide Personal Communications", NASA Reference Publication 1274, pp. 290-297, Feb. 1992. Hatlelid et al., "The Iridium.TM. System Personal Communications Anytime, Anyplace", pp. 285-290.

Balasekar et al., "Adaptive Map Configuration and Dynamic Routing to Optimize the Performance of a Satellite Communication Network", IEEE, pp. 986-988, dated 1993. Priscoli, Delli F., "Architecture of an Integrated GSM-Satellite System", European Tarnsactions on Telecommunications and Related Technologies, vol. 5, No. 5, pags 91-99, XP000470682, 1994.

Leopold R. J. et al., The Iridium.TM./.SM. Communications System, IEEE MTS International Microwave Symposium Digest, vol. 2, pp. 575-578, XP000630487, 1993. Re Del E., et al., "Architectures and Protocols for an Integrated Satellite-Terrestrial Mobile System", Proceedings of the International Mobile Satellite Conference, pp. 137-142, XP000600725, 1993.

Corazza, G.E., "Handover Procedures In Integrated Satellite And Terrestrial Mobile Systems", Proceedings of the International Mobile Satellite Conference, pp. 143-148, XP002017345, 1993.

ART-UNIT: 2664

PRIMARY-EXAMINER: Chin; Wellington

ASSISTANT-EXAMINER: Duong; Frank

ATTY-AGENT-FIRM: Banner & Witcoff, Ltd.

ABSTRACT:

A communication system for communication with a plurality of mobile terminals. A plurality of earth stations are arranged to communicate with mobile users via a plurality of orbiting satellites. A plurality of gateway stations interconnect terrestrial equipment with the earth stations and a store stores access data for the mobile terminals. The mobile terminals are divided into first and second categories, the store retaining corresponding different status information and both the first and second categories communicating with the satellites. Also provided are first and second different communication channels between the gateway stations and the earth stations, and a route control system for selecting one of the first and second channels, in dependence upon the category of a mobile terminal.

40 Claims, 20 Drawing figures

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